

## INTERNATIONAL SEARCH REPORT

 Int. Application No  
 PCT/IT 02/00594

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 607D7/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 607D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

 Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ✓	DE 19 53 542 A (MAKO-APPARATEBAU FRITZ BREDE) 6 May 1971 (1971-05-06)	1
Y	page 4, last paragraph -page 5, line 11; figure 1	3-8,14
X ✓	FR 2 492 349 A (TRANSAC) 23 April 1982 (1982-04-23)	1
	page 3, last paragraph -page 4, line 21; figures 1,2	
A ✓	GB 1 433 422 A (GESELLSCHAFT FÜR AUTOMATION UND ORGANISATION) 28 April 1976 (1976-04-28) ✓	2
	page 2, line 43 - line 64; figures	
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier document but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

9 September 2003

Date of mailing of the international search report

17. 09. 2003

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3016

Authorized officer

Neville, D

Form PCT/ISA210 (second sheet) (July 1992)

## INTERNATIONAL SEARCH REPORT

 Int'l Application No  
 PCT/IT 02/00594

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 860 118 A (JAMES, ET AL.) 14 January 1975 (1975-01-14) column 2, line 46 - line 64 column 3, line 17 - line 37 column 4, line 15 - line 45; figures 5,7,8,10,12-14,21	3
A	US 5 368 148 A (ORLANDINI) 29 November 1994 (1994-11-29) column 2, line 33 - line 58 column 3, line 21 - line 27; figure 1	3
A	✓ EP 0 581 102 A (SIEMENS NIXDORF INFORMATIONSSYSTEME) 2 February 1994 (1994-02-02) abstract; figures 1,2	3
X	US 5 280 333 A (WUNDERER) 18 January 1994 (1994-01-18)	10-13
Y	column 6, line 5 - line 35; figures 1,4,5	4-8,14
A	US 5 110 212 A (GABURA) 5 May 1992 (1992-05-05) column 1, line 58 - column 2, line 2; figure 1	4-8, 10-13
A	✓ DE 100 00 030 A (GIESECKE & DEVRIENT) 5 July 2001 (2001-07-05) column 5, line 33 - line 43; figure 3	4-8, 10-13
X	US 5 498 879 A (DE MAN) 12 March 1996 (1996-03-12)	15
Y	column 7, line 46 - line 55; figures 1,2	4
A	✓ WO 97 31340 A (CASHCODE COMPANY) 28 August 1997 (1997-08-28) page 5, line 1 - line 9; figure 6	4,15
A	EP 1 037 173 A (MARS INC.) 20 September 2000 (2000-09-20) paragraph '0019!; figures 1,2	9

Form PCT/ISA/210 (continuation of second sheet) (July 1982)

International Application No. PCT/IT 02 00594

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1,2 and 3-9 when dependent on 2.

Protective foil for test apparatus.

2. Claims: 1,3 and 4-9 when dependent on 3.

Gripping means for objects to be tested.

3. Claims: 1,4,

15 and 5-9 which relate to matter in claim 4 juxtaposed next to matter relating to the subject-matter of independent claim 15.

Means and method for homogenising illumination of objects to be tested.

4. Claims: 1,4-14,

whereby claim 4 includes juxtaposed matter relating to the subject-matter of claim 15 but not included in independent claim 10.

Means for protecting light receiving elements from exceeding saturation.

## INTERNATIONAL SEARCH REPORT

national application No.  
PCT/IT 02/00594**Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No

PCT/IT 02/00594

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1953542	A	06-05-1971	DE 1953542 A1	06-05-1971
FR 2492349	A	23-04-1982	FR 2492349 A1	23-04-1982
GB 1433422	A	28-04-1976	AT 443473 A	15-02-1975
			CH 553395 A	30-08-1974
			DE 2323670 A1	06-12-1973
			FR 2185821 A1	04-01-1974
US 3860118	A	14-01-1975	NONE	
US 5368148	A	29-11-1994	AT 144059 T	15-10-1996
			AU 3312093 A	09-09-1993
			CA 2089898 A1	04-09-1993
			CN 1079564 A ,B	15-12-1993
			DE 69305202 D1	14-11-1996
			DE 69305202 T2	03-04-1997
			EP 0559616 A1	08-09-1993
			JP 3145528 B2	12-03-2001
			JP 6015808 A	25-01-1994
			KR 267788 B1	16-10-2000
			RU 2107947 C1	27-03-1998
EP 581102	A	02-02-1994	DE 4225418 A1	03-02-1994
			DE 59304257 D1	28-11-1996
			EP 0581102 A1	02-02-1994
US 5280333	A	18-01-1994	DE 4022020 A1	16-01-1992
			AT 185212 T	15-10-1999
			DE 59109157 D1	04-11-1999
			EP 0466119 A2	15-01-1992
			JP 3051207 B2	12-06-2000
			JP 4288697 A	13-10-1992
US 5110212	A	05-05-1992	CA 1286029 C	09-07-1991
DE 10000030	A	05-07-2001	DE 10000030 A1	05-07-2001
			AU 3166001 A	16-07-2001
			WO 0150735 A1	12-07-2001
			GB 2373666 A	25-09-2002
			US 2003132402 A1	17-07-2003
US 5498879	A	12-03-1996	DE 59208542 D1	03-07-1997
			EP 0537431 A1	21-04-1993
			ES 2103330 T3	16-09-1997
			FI 924620 A	15-04-1993
			HK 1007019 A1	26-03-1999
			JP 3152372 B2	03-04-2001
			JP 5282432 A	29-10-1993
			NO 923966 A	15-04-1993
			US 5304813 A	19-04-1994
WO 9731340	A	28-08-1997	CA 2169865 A1	21-08-1997
			AU 1587297 A	10-09-1997
			WO 9731340 A1	28-08-1997
EP 1037173	A	20-09-2000	GB 2309299 A	23-07-1997
			EP 1037173 A1	20-09-2000

Form PCT/ISA/210 (patent family annex) (July 1992)

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Ints 1st Application No  
PCT/IT 02/00594

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1037173	A	AU 1396597 A	11-08-1997
		DE 69704549 D1	17-05-2001
		DE 69704549 T2	11-04-2002
		EP 0875045 A1	04-11-1998
		ES 2155667 T3	16-05-2001
		WO 9726626 A1	24-07-1997
		JP 2001518208 T	09-10-2001
		US 6172745 B1	09-01-2001

Form PCT/ISA/210 (patent family annex) (July 1992)